

GenCode version 1.7
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GM protein - protein search using SW model

Run on: January 22 2000 08:33:06 (without alignment)

1355 Million cell updates

Title: US-09-386-591-29

Perfect score: 134

Sequence: 1 PDGELLQMDPDPHILVDFLOS 26

Scoring table: BLOSUM62

Sequences: 130750480 (130750480) (130750480)

Database: Issued_Patents_AA*

Word size: 0

Number of hits that pass the threshold: 130750

1. PDGELLQMDPDPHILVDFLOS 130750
2. PDGELLQMDPDPHILVDFLOS 130750
3. PDGELLQMDPDPHILVDFLOS 130750
4. PDGELLQMDPDPHILVDFLOS 130750

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution

SUMMARIES

Result No.	Score	Match	Length	TP	Description
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2	56	41.8	287	1	US-08-844-280-4
3	44.5	33.2	123	1	US-08-844-280-2
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6	44	32.9	123	1	US-08-844-280-4
7	44	32.9	123	1	US-08-844-280-2
8	44	32.9	123	1	US-08-844-280-4
9	44	32.9	123	1	US-08-844-280-2
10	40	29.9	608	1	US-08-844-280-4
11	40	29.9	608	1	US-08-844-280-2
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13	40	29.9	608	1	US-08-844-280-2
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17	39	29.1	1061	1	US-08-844-280-2
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24	37	27.9	539	1	US-08-844-280-4
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37 37.6 199 1 US-08-844-280-4
38 37.6 199 1 US-08-844-280-2
39 37.6 199 1 US-08-844-280-4
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42 37.6 199 1 US-08-844-280-2
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45 37.6 199 1 US-08-844-280-4

ALIGNMENTS

RESULT: 1
US-08-844-280-2
US-08-844-280-4
Patent No. 547315

GENERAL INFORMATION:

APPLICANT: Lawlor, Elizabeth

TITLE OF INVENTION: No 474731501 Compounds

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

Address: SmithKline Beecham Corporation

Street: 1500 South Street

City: Philadelphia, PA

State: PA

COUNTRY: USA

ZIP: 19106-0939

COMPUTER PEASABLE FORM:

Machine type: Diskette

Computer: IBM Compatible

Operating System: DOS

Software: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 08/084,280

FILING DATE: 18-APR-1997

CLASSIFICATION:

PRECEDENCE DATA:

APPLICATION NUMBER: 08/084,280

FILING DATE: 18-APR-1997

ATTORNEY/AGENT INFORMATION:

NAME: James E. Edwards

REGISTRATION NUMBER: 38,891

REFERENCE/BOOK NUMBER: Patent 2

REFERENCE/BOOK NUMBER: Patent 2

TELEPHONE: 215-260-4478

TELETYPE: 215-260-4478

TELEX: 4100-270 5090

INFORMATION FOR SEQ ID NO. 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 587 amino acids

TYPE: amino acid

STANDARDIZATION: single

TOPOLOGY: linear

MOLECULE TYPE: protein

CS: 08/084-280-2

Seq. Match: 41.8% Score: 567

Percent Identity: 21.4% Prod No: 0124

Matches: 10, Conservative: 1, Mismatches: 2, Indels: 0, Gaps: 0

3 38/084-280-4

510 38/084-280-4

RESULT: 2

US-08-844-280-4

Application: US/09811280

Patent No. 742,915

us-09-386-591-29.ra1

Thu Jan 27 11:30:40 2000

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1  GENERAL INFORMATION:
2  APPLICANT: Lawlor, Elizabeth
3  TITLE OF INVENTION: No. 57471501 Compounds
4  NUMBER OF SEQUENCES: 4
5  CORRESPONDENCE ADDRESS:
6  ADDRESS: Smithline Biochem Corporation
7  STREET: 709 Swedeland Road
8  CITY: King of Prussia
9  STATE: PA
10 COUNTRY: USA
11 ZIP: 19406-0939
12 COMPUTER READABLE FORM:
13 MEDIUM TYPE: Diskette
14 COMPUTER: IBM Compatible
15 OPERATING SYSTEM: DOS
16 SOFTWARE: FASTSEQ for Windows Version 2.0
17 CURRENT APPLICATION DATA:
18 APPLICANT NUMBER: 9607994.4
19 FILING DATE: 18-APR-1997
20 CLASSIFICATION: ?
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: 9607994.4
23 FILING DATE: 18-APR-1996
24 ATTORNEY/AGENT INFORMATION:
25 NAME: Samuel, Edward R.
26 REGISTRATION NUMBER: 38,891
27 REFERENCE/AGENT NUMBER: 11467-2
28 TELECOMMUNICATION INFORMATION:
29 TELEPHONE: 610-270-4478
30 FAX: 610-270-5090
31 FLEX:
32 INFORMATION FOR SEQ ID NO: 4:
33 SEQUENCE CHARACTERISTICS:
34 LENGTH: 97 amino acids
35 TYPE: amino acid
36 STRANDEDNESS: single
37 TOPOLOGY: linear
38 MOLECULE TYPE: protein
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41 Query Match 41.8% Score 56.0 DB 1: Length 97:
42 Best Local Similarity 71.4% Prod. No. 0.029:
43 Matches 12: Conservative 10 Mismatches 3: Indels 0:
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45 2 DQELLQMDI GPERHJVDILOSLS 26
46 49 EGVDIQQM---FLRMKVDIQLSLN 70
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48 RESULT 4
49 P01 US92-05474A-2
50 Sequence 2: Application 06/08/92 05474A
51 GENERAL INFORMATION:
52 APPLICANT: Wozney, John M.
53 TITLE OF INVENTION: BMP-9 COMPOSITIONS
54 NUMBER OF SEQUENCES: 9
55 CORRESPONDENCE ADDRESS:
56 ADDRESSEE: Genetics Institute, Inc.
57 STREET: Legal Affairs - 87 Cambridgepark Drive
58 CITY: Cambridge
59 STATE: MA
60 COUNTRY: US
61 ZIP: 02140
62 COMPUTER READABLE FORM:
63 MEDIUM TYPE: Floppy disk
64 COMPUTER: IBM PC compatible
65 OPERATING SYSTEM: PC-DOS/MS-DOS
66 SOFTWARE: Patent In Release #1.0, Version #1.25
67 CURRENT APPLICATION DATA:
68 APPLICATION NUMBER: P01/US92-05474A
69 FILING DATE: 19920625
70 CLASSIFICATION:
71 ATTORNEY/AGENT INFORMATION:
72 NAME: Kaplan, Ellen J.
73 REGISTRATION NUMBER: 32,246
74 REFERENCE/AGENT NUMBER: 5186A
75 TELECOMMUNICATION INFORMATION:
76 TELEPHONE: (617) 876-1170
77 TELEFAX: (617) 876-5851
78 INFORMATION FOR SEQ ID NO: 2:
79 SEQUENCE CHARACTERISTICS:
80 LENGTH: 428 amino acids
81 TYPE: AMINO ACID
82 TOPOLOGY: linear
83 MOLECULE TYPE: protein
84 P01-US92-05474A-2
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86 Query Match 44.2% Score 44.5 DB 1: Length 428:
87 Best Local Similarity 48.0% Prod. No. 12:
88 Matches 12: Conservative 5: Mismatches 5: Indels 0:
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90 2 DQFLLQMDI GPERHJVDILOSLS 26
91 49 EGVDIQQM---FLRMKVDIQLSLN 70
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93 RESULT 4
94 P01 US92-05474A-2
95 Sequence 2: Application 06/08/92 05474A
96 GENERAL INFORMATION:
97 APPLICANT: Wozney, John M.
98 TITLE OF INVENTION: BMP-9 COMPOSITIONS
99 NUMBER OF SEQUENCES: 9
100 CORRESPONDENCE ADDRESS:
101 ADDRESSEE: Genetics Institute, Inc.
102 STREET: Legal Affairs - 87 Cambridgepark Drive
103 CITY: Cambridge
104 STATE: MA
105 COUNTRY: US
106 ZIP: 02140
107 COMPUTER READABLE FORM:
108 MEDIUM TYPE: Floppy disk
109 COMPUTER: IBM PC compatible
110 OPERATING SYSTEM: PC-DOS/MS-DOS
111 SOFTWARE: Patent In Release #1.0, Version #1.25
112 CURRENT APPLICATION DATA:
113 APPLICATION NUMBER: P01/US92-05474A
114 FILING DATE: 19920625
115 CLASSIFICATION:
116 ATTORNEY/AGENT INFORMATION:
117 NAME: Kaplan, Ellen J.
118 REGISTRATION NUMBER: 32,246
119 REFERENCE/AGENT NUMBER: 5186A
120 TELECOMMUNICATION INFORMATION:
121 TELEPHONE: (617) 876-1170
122 TELEFAX: (617) 876-5851
123 INFORMATION FOR SEQ ID NO: 2:
124 SEQUENCE CHARACTERISTICS:
125 LENGTH: 428 amino acids
126 TYPE: AMINO ACID
127 TOPOLOGY: linear
128 MOLECULE TYPE: protein
129 P01-US92-05474A-2
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131 Query Match 44.2% Score 44.5 DB 1: Length 428:
132 Best Local Similarity 48.0% Prod. No. 12:
133 Matches 12: Conservative 5: Mismatches 5: Indels 0:
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136 49 EGVDIQQM---FLRMKVDIQLSLN 70
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138 RESULT 4
139 P01 US92-05474A-2
140 Sequence 2: Application 06/08/92 05474A
141 GENERAL INFORMATION:
142 APPLICANT: Wozney, John M.
143 TITLE OF INVENTION: BMP-9 COMPOSITIONS
144 NUMBER OF SEQUENCES: 9
145 CORRESPONDENCE ADDRESS:
146 ADDRESSEE: Genetics Institute, Inc.
147 STREET: Legal Affairs - 87 Cambridgepark Drive
148 CITY: Cambridge
149 STATE: MA
150 COUNTRY: US
151 ZIP: 02140
152 COMPUTER READABLE FORM:
153 MEDIUM TYPE: Floppy disk
154 COMPUTER: IBM PC compatible
155 OPERATING SYSTEM: PC-DOS/MS-DOS
156 SOFTWARE: Patent In Release #1.0, Version #1.25
157 CURRENT APPLICATION DATA:
158 APPLICATION NUMBER: P01/US92-05474A
159 FILING DATE: 19920625
160 CLASSIFICATION:
161 ATTORNEY/AGENT INFORMATION:
162 NAME: Kaplan, Ellen J.
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164 REFERENCE/AGENT NUMBER: 5186A
165 TELECOMMUNICATION INFORMATION:
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167 TELEFAX: (617) 876-5851
168 INFORMATION FOR SEQ ID NO: 2:
169 SEQUENCE CHARACTERISTICS:
170 LENGTH: 428 amino acids
171 TYPE: AMINO ACID
172 TOPOLOGY: linear
173 MOLECULE TYPE: protein
174 P01-US92-05474A-2
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176 Query Match 44.2% Score 44.5 DB 1: Length 428:
177 Best Local Similarity 48.0% Prod. No. 12:
178 Matches 12: Conservative 5: Mismatches 5: Indels 0:
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180 2 DQFLLQMDI GPERHJVDILOSLS 26
181 49 EGVDIQQM---FLRMKVDIQLSLN 70
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183 RESULT 4
184 P01 US92-05474A-2
185 Sequence 2: Application 06/08/92 05474A
186 GENERAL INFORMATION:
187 APPLICANT: Wozney, John M.
188 TITLE OF INVENTION: BMP-9 COMPOSITIONS
189 NUMBER OF SEQUENCES: 9
190 CORRESPONDENCE ADDRESS:
191 ADDRESSEE: Genetics Institute, Inc.
192 STREET: Legal Affairs - 87 Cambridgepark Drive
193 CITY: Cambridge
194 STATE: MA
195 COUNTRY: US
196 ZIP: 02140
197 COMPUTER READABLE FORM:
198 MEDIUM TYPE: Floppy disk
199 COMPUTER: IBM PC compatible
200 OPERATING SYSTEM: PC-DOS/MS-DOS
201 SOFTWARE: Patent In Release #1.0, Version #1.25
202 CURRENT APPLICATION DATA:
203 APPLICATION NUMBER: P01/US92-05474A
204 FILING DATE: 19920625
205 CLASSIFICATION:
206 ATTORNEY/AGENT INFORMATION:
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208 REGISTRATION NUMBER: 32,246
209 REFERENCE/AGENT NUMBER: 5186A
210 TELECOMMUNICATION INFORMATION:
211 TELEPHONE: (617) 876-1170
212 TELEFAX: (617) 876-5851
213 INFORMATION FOR SEQ ID NO: 2:
214 SEQUENCE CHARACTERISTICS:
215 LENGTH: 428 amino acids
216 TYPE: AMINO ACID
217 TOPOLOGY: linear
218 MOLECULE TYPE: protein
219 P01-US92-05474A-2
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221 Query Match 44.2% Score 44.5 DB 1: Length 428:
222 Best Local Similarity 48.0% Prod. No. 12:
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226 49 EGVDIQQM---FLRMKVDIQLSLN 70
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228 RESULT 4
229 P01 US92-05474A-2
230 Sequence 2: Application 06/08/92 05474A
231 GENERAL INFORMATION:
232 APPLICANT: Wozney, John M.
233 TITLE OF INVENTION: BMP-9 COMPOSITIONS
234 NUMBER OF SEQUENCES: 9
235 CORRESPONDENCE ADDRESS:
236 ADDRESSEE: Genetics Institute, Inc.
237 STREET: Legal Affairs - 87 Cambridgepark Drive
238 CITY: Cambridge
239 STATE: MA
240 COUNTRY: US
241 ZIP: 02140
242 COMPUTER READABLE FORM:
243 MEDIUM TYPE: Floppy disk
244 COMPUTER: IBM PC compatible
245 OPERATING SYSTEM: PC-DOS/MS-DOS
246 SOFTWARE: Patent In Release #1.0, Version #1.25
247 CURRENT APPLICATION DATA:
248 APPLICATION NUMBER: P01/US92-05474A
249 FILING DATE: 19920625
250 CLASSIFICATION:
251 ATTORNEY/AGENT INFORMATION:
252 NAME: Kaplan, Ellen J.
253 REGISTRATION NUMBER: 32,246
254 REFERENCE/AGENT NUMBER: 5186A
255 TELECOMMUNICATION INFORMATION:
256 TELEPHONE: (617) 876-1170
257 TELEFAX: (617) 876-5851
258 INFORMATION FOR SEQ ID NO: 2:
259 SEQUENCE CHARACTERISTICS:
260 LENGTH: 428 amino acids
261 TYPE: AMINO ACID
262 TOPOLOGY: linear
263 MOLECULE TYPE: protein
264 P01-US92-05474A-2
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267 Best Local Similarity 48.0% Prod. No. 12:
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273 RESULT 4
274 P01 US92-05474A-2
275 Sequence 2: Application 06/08/92 05474A
276 GENERAL INFORMATION:
277 APPLICANT: Wozney, John M.
278 TITLE OF INVENTION: BMP-9 COMPOSITIONS
279 NUMBER OF SEQUENCES: 9
280 CORRESPONDENCE ADDRESS:
281 ADDRESSEE: Genetics Institute, Inc.
282 STREET: Legal Affairs - 87 Cambridgepark Drive
283 CITY: Cambridge
284 STATE: MA
285 COUNTRY: US
286 ZIP: 02140
287 COMPUTER READABLE FORM:
288 MEDIUM TYPE: Floppy disk
289 COMPUTER: IBM PC compatible
290 OPERATING SYSTEM: PC-DOS/MS-DOS
291 SOFTWARE: Patent In Release #1.0, Version #1.25
292 CURRENT APPLICATION DATA:
293 APPLICATION NUMBER: P01/US92-05474A
294 FILING DATE: 19920625
295 CLASSIFICATION:
296 ATTORNEY/AGENT INFORMATION:
297 NAME: Kaplan, Ellen J.
298 REGISTRATION NUMBER: 32,246
299 REFERENCE/AGENT NUMBER: 5186A
300 TELECOMMUNICATION INFORMATION:
301 TELEPHONE: (617) 876-1170
302 TELEFAX: (617) 876-5851
303 INFORMATION FOR SEQ ID NO: 2:
304 SEQUENCE CHARACTERISTICS:
305 LENGTH: 428 amino acids
306 TYPE: AMINO ACID
307 TOPOLOGY: linear
308 MOLECULE TYPE: protein
309 P01-US92-05474A-2
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311 Query Match 44.2% Score 44.5 DB 1: Length 428:
312 Best Local Similarity 48.0% Prod. No. 12:
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318 RESULT 4
319 P01 US92-05474A-2
320 Sequence 2: Application 06/08/92 05474A
321 GENERAL INFORMATION:
322 APPLICANT: Wozney, John M.
323 TITLE OF INVENTION: BMP-9 COMPOSITIONS
324 NUMBER OF SEQUENCES: 9
325 CORRESPONDENCE ADDRESS:
326 ADDRESSEE: Genetics Institute, Inc.
327 STREET: Legal Affairs - 87 Cambridgepark Drive
328 CITY: Cambridge
329 STATE: MA
330 COUNTRY: US
331 ZIP: 02140
332 COMPUTER READABLE FORM:
333 MEDIUM TYPE: Floppy disk
334 COMPUTER: IBM PC compatible
335 OPERATING SYSTEM: PC-DOS/MS-DOS
336 SOFTWARE: Patent In Release #1.0, Version #1.25
337 CURRENT APPLICATION DATA:
338 APPLICATION NUMBER: P01/US92-05474A
339 FILING DATE: 19920625
340 CLASSIFICATION:
341 ATTORNEY/AGENT INFORMATION:
342 NAME: Kaplan, Ellen J.
343 REGISTRATION NUMBER: 32,246
344 REFERENCE/AGENT NUMBER: 5186A
345 TELECOMMUNICATION INFORMATION:
346 TELEPHONE: (617) 876-1170
347 TELEFAX: (617) 876-5851
348 INFORMATION FOR SEQ ID NO: 2:
349 SEQUENCE CHARACTERISTICS:
350 LENGTH: 428 amino acids
351 TYPE: AMINO ACID
352 TOPOLOGY: linear
353 MOLECULE TYPE: protein
354 P01-US92-05474A-2
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356 Query Match 44.2% Score 44.5 DB 1: Length 428:
357 Best Local Similarity 48.0% Prod. No. 12:
358 Matches 12: Conservative 5: Mismatches 5: Indels 0:
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360 2 DQFLLQMDI GPERHJVDILOSLS 26
361 49 EGVDIQQM---FLRMKVDIQLSLN 70
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363 RESULT 4
364 P01 US92-05474A-2
365 Sequence 2: Application 06/08/92 05474A
366 GENERAL INFORMATION:
367 APPLICANT: Wozney, John M.
368 TITLE OF INVENTION: BMP-9 COMPOSITIONS
369 NUMBER OF SEQUENCES: 9
370 CORRESPONDENCE ADDRESS:
371 ADDRESSEE: Genetics Institute, Inc.
372 STREET: Legal Affairs - 87 Cambridgepark Drive
373 CITY: Cambridge
374 STATE: MA
375 COUNTRY: US
376 ZIP: 02140
377 COMPUTER READABLE FORM:
378 MEDIUM TYPE: Floppy disk
379 COMPUTER: IBM PC compatible
380 OPERATING SYSTEM: PC-DOS/MS-DOS
381 SOFTWARE: Patent In Release #1.0, Version #1.25
382 CURRENT APPLICATION DATA:
383 APPLICATION NUMBER: P01/US92-05474A
384 FILING DATE: 19920625
385 CLASSIFICATION:
386 ATTORNEY/AGENT INFORMATION:
387 NAME: Kaplan, Ellen J.
388 REGISTRATION NUMBER: 32,246
389 REFERENCE/AGENT NUMBER: 5186A
390 TELECOMMUNICATION INFORMATION:
391 TELEPHONE: (617) 876-1170
392 TELEFAX: (617) 876-5851
393 INFORMATION FOR SEQ ID NO: 2:
394 SEQUENCE CHARACTERISTICS:
395 LENGTH: 428 amino acids
396 TYPE: AMINO ACID
397 TOPOLOGY: linear
398 MOLECULE TYPE: protein
399 P01-US92-05474A-2
400
401 Query Match 44.2% Score 44.5 DB 1: Length 428:
402 Best Local Similarity 48.0% Prod. No. 12:
403 Matches 12: Conservative 5: Mismatches 5: Indels 0:
404
405 2 DQFLLQMDI GPERHJVDILOSLS 26
406 49 EGVDIQQM---FLRMKVDIQLSLN 70
407
408 RESULT 4
409 P01 US92-05474A-2
410 Sequence 2: Application 06/08/92 05474A
411 GENERAL INFORMATION:
412 APPLICANT: Wozney, John M.
413 TITLE OF INVENTION: BMP-9 COMPOSITIONS
414 NUMBER OF SEQUENCES: 9
415 CORRESPONDENCE ADDRESS:
416 ADDRESSEE: Genetics Institute, Inc.
417 STREET: Legal Affairs - 87 Cambridgepark Drive
418 CITY: Cambridge
419 STATE: MA
420 COUNTRY: US
421 ZIP: 02140
422 COMPUTER READABLE FORM:
423 MEDIUM TYPE: Floppy disk
424 COMPUTER: IBM PC compatible
425 OPERATING SYSTEM: PC-DOS/MS-DOS
426 SOFTWARE: Patent In Release #1.0, Version #1.25
427 CURRENT APPLICATION DATA:
428 APPLICATION NUMBER: P01/US92-05474A
429 FILING DATE: 19920625
430 CLASSIFICATION:
431 ATTORNEY/AGENT INFORMATION:
432 NAME: Kaplan, Ellen J.
433 REGISTRATION NUMBER: 32,246
434 REFERENCE/AGENT NUMBER: 5186A
435 TELECOMMUNICATION INFORMATION:
436 TELEPHONE: (617) 876-1170
437 TELEFAX: (617) 876-5851
438 INFORMATION FOR SEQ ID NO: 2:
439 SEQUENCE CHARACTERISTICS:
440 LENGTH: 428 amino acids
441 TYPE: AMINO ACID
442 TOPOLOGY: linear
443 MOLECULE TYPE: protein
444 P01-US92-05474A-2
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446 Query Match 44.2% Score 44.5 DB 1: Length 428:
447 Best Local Similarity 48.0% Prod. No. 12:
448 Matches 12: Conservative 5: Mismatches 5: Indels 0:
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450 2 DQFLLQMDI GPERHJVDILOSLS 26
451 49 EGVDIQQM---FLRMKVDIQLSLN 70
452
453 RESULT 4
454 P01 US92-05474A-2
455 Sequence 2: Application 06/08/92 05474A
456 GENERAL INFORMATION:
457 APPLICANT: Wozney, John M.
458 TITLE OF INVENTION: BMP-9 COMPOSITIONS
459 NUMBER OF SEQUENCES: 9
460 CORRESPONDENCE ADDRESS:
461 ADDRESSEE: Genetics Institute, Inc.
462 STREET: Legal Affairs - 87 Cambridgepark Drive
463 CITY: Cambridge
464 STATE: MA
465 COUNTRY: US
466 ZIP: 02140
467 COMPUTER READABLE FORM:
468 MEDIUM TYPE: Floppy disk
469 COMPUTER: IBM PC compatible
470 OPERATING SYSTEM: PC-DOS/MS-DOS
471 SOFTWARE: Patent In Release #1.0, Version #1.25
472 CURRENT APPLICATION DATA:
473 APPLICATION NUMBER: P01/US92-05474A
474 FILING DATE: 19920625
475 CLASSIFICATION:
476 ATTORNEY/AGENT INFORMATION:
477 NAME: Kaplan, Ellen J.
478 REGISTRATION NUMBER: 32,246
479 REFERENCE/AGENT NUMBER: 5186A
480 TELECOMMUNICATION INFORMATION:
481 TELEPHONE: (617) 876-1170
482 TELEFAX: (617) 876-5851
483 INFORMATION FOR SEQ ID NO: 2:
484 SEQUENCE CHARACTERISTICS:
485 LENGTH: 428 amino acids
486 TYPE: AMINO ACID
487 TOPOLOGY: linear
488 MOLECULE TYPE: protein
489 P01-US92-05474A-2
490
491 Query Match 44.2% Score 44.5 DB 1: Length 428:
492 Best Local Similarity 48.0% Prod. No. 12:
493 Matches 12: Conservative 5: Mismatches 5: Indels 0:
494
495 2 DQFLLQMDI GPERHJVDILOSLS 26
496 49 EGVDIQQM---FLRMKVDIQLSLN 70
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498 RESULT 4
499 P01 US92-05474A-2
500 Sequence 2: Application 06/08/92 05474A
501 GENERAL INFORMATION:
502 APPLICANT: Wozney, John M.
503 TITLE OF INVENTION: BMP-9 COMPOSITIONS
504 NUMBER OF SEQUENCES: 9
505 CORRESPONDENCE ADDRESS:
506 ADDRESSEE: Genetics Institute, Inc.
507 STREET: Legal Affairs - 87 Cambridgepark Drive
508 CITY: Cambridge
509 STATE: MA
510 COUNTRY: US
511 ZIP: 02140
512 COMPUTER READABLE FORM:
513 MEDIUM TYPE: Floppy disk
514 COMPUTER: IBM PC compatible
515 OPERATING SYSTEM: PC-DOS/MS-DOS
516 SOFTWARE: Patent In Release #1.0, Version #1.25
517 CURRENT APPLICATION DATA:
518 APPLICATION NUMBER: P01/US92-05474A
519 FILING DATE: 19920625
520 CLASSIFICATION:
521 ATTORNEY/AGENT INFORMATION:
522 NAME: Kaplan, Ellen J.
523 REGISTRATION NUMBER: 32,246
524 REFERENCE/AGENT NUMBER: 5186A
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527 TELEFAX: (617) 876-5851
528 INFORMATION FOR SEQ ID NO: 2:
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530 LENGTH: 428 amino acids
531 TYPE: AMINO ACID
532 TOPOLOGY: linear
533 MOLECULE TYPE: protein
534 P01-US92-05474A-2
535
536 Query Match 44.2% Score 44.5 DB 1: Length 428:
537 Best Local Similarity 48.0% Prod. No. 12:
538 Matches 12: Conservative 5: Mismatches 5: Indels 0:
539
540 2 DQFLLQMDI GPERHJVDILOSLS 26
541 49 EGVDIQQM---FLRMKVDIQLSLN 70
542
543 RESULT 4
544 P01 US92-05474A-2
545 Sequence 2: Application 06/08/92 05474A
546 GENERAL INFORMATION:
547 APPLICANT: Wozney, John M.
548 TITLE OF INVENTION: BMP-9 COMPOSITIONS
549 NUMBER OF SEQUENCES: 9
550 CORRESPONDENCE ADDRESS:
551 ADDRESSEE: Genetics Institute, Inc.
552 STREET: Legal Affairs - 87 Cambridgepark Drive
553 CITY: Cambridge
554 STATE: MA
555 COUNTRY: US
556 ZIP: 02140
557 COMPUTER READABLE FORM:
558 MEDIUM TYPE: Floppy disk
559 COMPUTER: IBM PC compatible
560 OPERATING SYSTEM: PC-DOS/MS-DOS
561 SOFTWARE: Patent In Release #1.0, Version #1.25
562 CURRENT APPLICATION DATA:
563 APPLICATION NUMBER: P01/US92-05474A
564 FILING DATE: 19920625
565 CLASSIFICATION:
566 ATTORNEY/AGENT INFORMATION:
567 NAME: Kaplan, Ellen J.
568 REGISTRATION NUMBER: 32,246
569 REFERENCE/AGENT NUMBER: 5186A
570 TELECOMMUNICATION INFORMATION:
571 TELEPHONE: (617) 876-1170
572 TELEFAX: (617) 876-5851
573 INFORMATION FOR SEQ ID NO: 2:
574 SEQUENCE CHARACTERISTICS:
575 LENGTH: 428 amino acids
576 TYPE: AMINO ACID
577 TOPOLOGY: linear
578 MOLECULE TYPE: protein
579 P01-US92-05474A-2
580
581 Query Match 44.2% Score 44.5 DB 1: Length 428:
582 Best Local Similarity 48.0% Prod. No. 12:
583 Matches 12: Conservative 5: Mismatches 5: Indels 0:
584
585 2 DQFLLQMDI GPERHJVDILOSLS 26
586 49 EGVDIQQM---FLRMKVDIQLSLN 70
587
588 RESULT 4
589 P01 US92-05474A-2
590 Sequence 2: Application 06/08/92 05474A
591 GENERAL INFORMATION:
592 APPLICANT: Wozney, John M.
593 TITLE OF INVENTION: BMP-9 COMPOSITIONS
594 NUMBER OF SEQUENCES: 9
595 CORRESPONDENCE ADDRESS:
596 ADDRESSEE: Genetics Institute, Inc.
597 STREET: Legal Affairs - 87 Cambridgepark Drive
598 CITY: Cambridge
599 STATE: MA
600 COUNTRY: US
601 ZIP: 02140
602 COMPUTER READABLE FORM:
603 MEDIUM TYPE: Floppy disk
604 COMPUTER: IBM PC compatible
605 OPERATING SYSTEM: PC-DOS/MS-DOS
606 SOFTWARE: Patent In Release #1.0, Version #1.25
607 CURRENT APPLICATION DATA:
608 APPLICATION NUMBER: P01/US92-05474A
609 FILING DATE: 19920625
610 CLASSIFICATION:
611 ATTORNEY/AGENT INFORMATION:
612 NAME: Kaplan, Ellen J.
613 REGISTRATION NUMBER: 32,246
614 REFERENCE/AGENT NUMBER: 5186A
615 TELECOMMUNICATION INFORMATION:
616 TELEPHONE: (617) 876-1170
617 TELEFAX: (617) 876-5851
618 INFORMATION FOR SEQ ID NO: 2:
619 SEQUENCE CHARACTERISTICS:
620 LENGTH: 428 amino acids
621 TYPE: AMINO ACID
622 TOPOLOGY: linear
623 MOLECULE TYPE: protein
624 P01-US92-05474A-2
625
626 Query Match 44.2% Score 44.5 DB 1: Length 428:
627 Best Local Similarity 48.0% Prod. No. 12:
628 Matches 12: Conservative 5: Mismatches 5: Indels 0:
629
630 2 DQFLLQMDI GPERHJVDILOSLS 26
631 49 EGVDIQQM---FLRMKVDIQLSLN 70
632
633 RESULT 4
634 P01 US92-05474A-2
635 Sequence 2: Application 06/08/92 05474A
636 GENERAL INFORMATION:
637 APPLICANT: Wozney, John M.
638 TITLE OF INVENTION: BMP-9 COMPOSITIONS
639 NUMBER OF SEQUENCES: 9
640 CORRESPONDENCE ADDRESS:
641 ADDRESSEE: Genetics Institute, Inc.
642 STREET: Legal Affairs - 87 Cambridgepark Drive
643 CITY: Cambridge
644 STATE: MA
645 COUNTRY: US
646 ZIP: 02140
647 COMPUTER READABLE FORM:
648 MEDIUM TYPE: Floppy disk
649 COMPUTER: IBM PC compatible
650 OPERATING SYSTEM: PC-DOS/MS-DOS
651 SOFTWARE: Patent In Release #1.0, Version #1.25
652 CURRENT APPLICATION DATA:
653 APPLICATION NUMBER: P01/US92-05474A
654 FILING DATE: 19920625
655 CLASSIFICATION:
656 ATTORNEY/AGENT INFORMATION:
657 NAME: Kaplan, Ellen J.
658 REGISTRATION NUMBER: 32,246
659 REFERENCE/AGENT NUMBER: 5186A
660 TELECOMMUNICATION INFORMATION:
661 TELEPHONE: (617) 876-1170
662 TELEFAX: (617) 876-5851
663 INFORMATION FOR SEQ ID NO: 2:
664 SEQUENCE CHARACTERISTICS:
665 LENGTH: 428 amino acids
666 TYPE: AMINO ACID
667 TOPOLOGY: linear
668 MOLECULE TYPE: protein
669 P01-US92-05474A-2
670
671 Query Match 44.2% Score 44.5 DB 1: Length 428:
672 Best Local Similarity 48.0% Prod. No. 12:
673 Matches 12: Conservative 5: Mismatches 5: Indels 0:
674
675 2 DQFLLQMDI GPERHJVDILOSLS 26
676 49 EGVDIQQM---FLRMKVDIQLSLN 70
677
678 RESULT 4
679 P01 US92-05474A-2
680 Sequence 2: Application 06/08/92 05474A
681 GENERAL INFORMATION:
682 APPLICANT: Wozney, John M.
683 TITLE OF INVENTION: BMP-9 COMPOSITIONS
684 NUMBER OF SEQUENCES: 9
685 CORRESPONDENCE ADDRESS:
686 ADDRESSEE: Genetics Institute, Inc.
687 STREET: Legal Affairs - 87 Cambridgepark Drive
688 CITY: Cambridge
689 STATE: MA
690 COUNTRY: US
691 ZIP: 02140
692 COMPUTER READABLE FORM:
693 MEDIUM TYPE: Floppy disk
694 COMPUTER: IBM PC compatible
695 OPERATING SYSTEM: PC-DOS/MS-DOS
696 SOFTWARE: Patent In Release #1.0, Version #1.25
697 CURRENT APPLICATION DATA:
698 APPLICATION NUMBER: P01/US92-05474A
699 FILING DATE: 19920625
700 CLASSIFICATION:
701 ATTORNEY/AGENT INFORMATION:
702 NAME: Kaplan, Ellen J.
703 REGISTRATION NUMBER: 32,246
704 REFERENCE/AGENT NUMBER: 5186A
705 TELECOMMUNICATION INFORMATION:
706 TELEPHONE: (617) 876-1170
707 TELEFAX: (617) 876-5851
708 INFORMATION FOR SEQ ID NO: 2:
709 SEQUENCE CHARACTERISTICS:
710 LENGTH: 428 amino acids
711 TYPE: AMINO ACID
712 TOPOLOGY: linear
713 MOLECULE TYPE: protein
714 P01-US92-05474A-2
715
716 Query Match 44.2% Score 44.5 DB 1: Length 428:
717 Best Local Similarity 48.0% Prod. No. 12:
718 Matches 12: Conservative 5: Mismatches 5: Indels 0:
719
720 2 DQFLLQMDI GPERHJVDILOSLS 26
721 49 EGVDIQQM---FLRMKVDIQLSLN 70
722
723 RESULT 4
724 P01 US92-05474A-2
725 Sequence 2: Application 06/08/92 05474A
726 GENERAL INFORMATION:
727 APPLICANT: Wozney, John M.
728 TITLE OF INVENTION: BMP-9 COMPOSITIONS
729 NUMBER OF SEQUENCES: 9
730 CORRESPONDENCE ADDRESS:
731 ADDRESSEE: Genetics Institute, Inc.
732 STREET: Legal Affairs - 87 Cambridgepark Drive
733 CITY: Cambridge
734 STATE: MA
735 COUNTRY: US
736 ZIP: 02140
737 COMPUTER READABLE FORM:
738 MEDIUM TYPE: Floppy disk
739 COMPUTER: IBM PC compatible
740 OPERATING SYSTEM: PC-DOS/MS-DOS
741 SOFTWARE: Patent In Release #1.0, Version #1.25
742 CURRENT APPLICATION DATA:
743 APPLICATION NUMBER: P01/US92-05474A
744 FILING DATE: 19920625
745 CLASSIFICATION:
746 ATTORNEY/AGENT INFORMATION:
747 NAME: Kaplan, Ellen J.
748 REGISTRATION NUMBER: 32,246
749 REFERENCE/AGENT NUMBER: 5186A
750 TELECOMMUNICATION INFORMATION:
751 TELEPHONE: (617) 876-1170
752 TELEFAX: (617) 876-5851
753 INFORMATION FOR SEQ ID NO: 2:
754 SEQUENCE CHARACTERISTICS:
755 LENGTH: 428 amino acids
756 TYPE: AMINO ACID
757 TOPOLOGY: linear
758 MOLECULE TYPE: protein
759 P01-US92-05474A-2
760
761 Query Match 44.2% Score 44.5 DB 1: Length 428:
762 Best Local Similarity 48.0% Prod. No. 12:
763 Matches 12: Conservative 5: Mismatches 5: Indels 0:
764
765 2 DQFLLQMDI GPERHJVDILOSLS 26
766 49 EGVDIQQM---FLRMKVDIQLSLN 70
767
768 RESULT 4
769 P01 US92-05474A-2
770 Sequence 2: Application 06/08/92 05474A
771 GENERAL INFORMATION:
772 APPLICANT: Wozney, John M.
773 TITLE OF INVENTION: BMP-9 COMPOSITIONS
774 NUMBER OF SEQUENCES: 9
775 CORRESPONDENCE ADDRESS:
776 ADDRESSEE: Genetics Institute, Inc.
777 STREET: Legal Affairs - 87 Cambridgepark Drive
778 CITY: Cambridge
779 STATE: MA
780 COUNTRY: US
781 ZIP: 02140
782 COMPUTER READABLE FORM:
783 MEDIUM TYPE: Floppy disk
784 COMPUTER: IBM PC compatible
785 OPERATING SYSTEM: PC-DOS/MS-DOS
786 SOFTWARE: Patent In Release #1.0, Version #1.25
787 CURRENT APPLICATION DATA:
788 APPLICATION NUMBER: P01/US92-05474A
789 FILING DATE: 19920625
790 CLASSIFICATION:
791 ATTORNEY/AGENT INFORMATION:
792 NAME: Kaplan, Ellen J.
793 REGISTRATION NUMBER: 32,246
794 REFERENCE/AGENT NUMBER: 5186A
795 TELECOMMUNICATION INFORMATION:
796 TELEPHONE: (617) 876-1170
797 TELEFAX: (617) 876-5851
798 INFORMATION FOR SEQ ID NO: 2:
799 SEQUENCE CHARACTERISTICS:
800 LENGTH: 428 amino acids
801 TYPE: AMINO ACID
802 TOPOLOGY: linear
803 MOLECULE TYPE: protein
804 P01-US92-05474A-2
805
806 Query Match 44.2% Score 44.5 DB 1: Length 428:
807 Best Local Similarity 48.0% Prod. No. 12:
808 Matches 12: Conservative 5: Mismatches 5: Indels 0:
809
810 2 DQFLLQMDI GPERHJVDILOSLS 26
811 49 EGVDIQQM---FLRMKVDIQLSLN 70
812
813 RESULT 4
814 P01 US92-05474A-2
815 Sequence 2: Application 06/08/92 05474A
816 GENERAL INFORMATION:
817 APPLICANT: Wozney, John M.
818 TITLE OF INVENTION: BMP-9 COMPOSITIONS
819 NUMBER OF SEQUENCES: 9
820 CORRESPONDENCE ADDRESS:
821 ADDRESSEE: Genetics Institute, Inc.
822 STREET: Legal Affairs - 87 Cambridgepark Drive
823 CITY: Cambridge
824 STATE: MA
825 COUNTRY: US
826 ZIP: 02140
827 COMPUTER READABLE FORM:
828 MEDIUM TYPE: Floppy disk
829 COMPUTER: IBM PC compatible
830 OPERATING SYSTEM: PC-DOS/MS-DOS
831 SOFTWARE: Patent In Release #1.0, Version #1.25
832 CURRENT APPLICATION DATA:
833 APPLICATION NUMBER: P01/US92-05474A
834 FILING DATE: 19920625
835 CLASSIFICATION:
836 ATTORNEY/AGENT INFORMATION:
837 NAME: Kaplan, Ellen J.
838 REGISTRATION NUMBER: 32,246
839 REFERENCE/AGENT NUMBER: 5186A
840 TELECOMMUNICATION INFORMATION:
841 TELEPHONE: (617) 876-1170
842 TELEFAX: (617) 876-5851
843 INFORMATION FOR SEQ ID NO: 2:
844 SEQUENCE CHARACTERISTICS:
845 LENGTH: 428 amino acids
846 TYPE: AMINO ACID
847 TOPOLOGY: linear
848 MOLECULE TYPE: protein
849 P01-US92-05474A-2
850
851 Query Match 44.2% Score 44.5 DB 1: Length 428:
852 Best Local Similarity 48.0% Prod. No. 12:
853 Matches 12: Conservative 5: Mismatches 5: Indels 0:
854
855 2 DQFLLQMDI GPERHJVDILOSLS 26
856 49 EGVDIQQM---FLRMKVDIQLSLN 70
857
858 RESULT 4
859 P01 US92-05474A-2
860 Sequence 2: Application 06/08/92 05474A
861 GENERAL INFORMATION:
862 APPLICANT: Wozney, John M.
863 TITLE OF INVENTION: BMP-9 COMPOSITIONS
864 NUMBER OF SEQUENCES: 9
865 CORRESPONDENCE ADDRESS:
866 ADDRESSEE: Genetics Institute, Inc.
867 STREET: Legal Affairs - 87 Cambridgepark Drive
868 CITY: Cambridge
869 STATE: MA
870 COUNTRY: US
871 ZIP: 02140
872 COMPUTER READABLE FORM:
873 MEDIUM TYPE: Floppy disk
874 COMPUTER: IBM PC compatible
875 OPERATING SYSTEM: PC-DOS/MS-DOS
876 SOFTWARE: Patent In Release #1.0, Version #1.25
877 CURRENT APPLICATION DATA:
878 APPLICATION NUMBER: P01/US92-05474A
879 FILING DATE: 19920625
880 CLASSIFICATION:
881 ATTORNEY/AGENT INFORMATION:
882 NAME: Kaplan, Ellen J.
883 REGISTRATION NUMBER: 32,246
884 REFERENCE/AGENT NUMBER: 5186A
885 TELECOMMUNICATION INFORMATION:
886 TELEPHONE: (617) 876-1170
887 TELEFAX: (617) 876-5851
888 INFORMATION FOR SEQ ID NO: 2:
889 SEQUENCE CHARACTERISTICS:
890 LENGTH: 428 amino acids
891 TYPE: AMINO ACID
892 TOPOLOGY: linear
893 MOLECULE TYPE: protein
894 P01-US92-05474A-2
895
896 Query Match 44.2% Score 44.5 DB 1: Length 428:
897 Best Local Similarity 48.0% Prod. No. 12:
898 Matches 12: Conservative 5: Mismatches 5: Indels 0:
899
900 2 DQFLLQMDI GPERHJVDILOSLS 26
901 49 EGVDIQQM---FLRMKVDIQLSLN 70
902
903 RESULT 4
904 P01 US92-05474A-2
905 Sequence 2: Application 06/08/92 05474A
906 GENERAL INFORMATION:
907 APPLICANT: Wozney, John M.
908 TITLE OF IN
```

DR 49 EGVFLOM FLEMMKVDLRSUN 70

RESULT 5

US-09-386-591-29

GENERAL INFORMATION:

APPLICANT: PESSO, VICKI A.

APPLICANT: WATSON, THOMAS

APPLICANT: GIBBS, ANTHONY J.

TITLE OF INVENTION: DNA COMPOSITIONS

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

STREET: Legat Affairs - 87 Cambridge Park Drive

CITY: Cambridge

STATE: MA

COUNTRY: US

ZIP: 02140

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: FLEMMKVDLRSUN 70

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Kapinos, Ellen

REGISTRATION NUMBER: 32,245

REFERENCE/DOCKET NUMBER: G1 51860-POT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 876-1210

TELEFAX: (617) 876-5851

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 428 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-386-591-29

Query Match: 31.2%, Score 44.0, DE 3, Length 428.

Best Local Similarity: 48.0%, Pct. ID: 12,

Mismatches: 12, Conservative: 5, Indels: 3, Gaps: 1.

Q0 2 LLOMDEGFEHLVDFLOSL 25

||||| | | | | | | | | |

DR 49 EGVFLOM--FLEMMKVDLRSUN 70

RESULT 6

US-09-386-591-29

GENERAL INFORMATION:

APPLICANT: KONGZ, CSABA

APPLICANT: MAIHUR, JAIDEEP

APPLICANT: SZEKERES, MIKLOS

APPLICANT: ALTMANN, THOMAS

TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING CYTOCHROME

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

STREET: Birch Stewart, Kollasch & Birch, LLP

CITY: Falls Church

STATE: Virginia

COUNTRY: USA

ZIP: 22040 0747

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30 (EP0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-09-386-591-29

FILING DATE: 27-MAR-1996

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: SVENSSON, LEONARD R.

REGISTRATION NUMBER: 30,330

REFERENCE/DOCKET NUMBER: G147-0153P

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 205-8000

TELEFAX: (703) 205-8050

TELEX: 248345

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 472 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-386-591-29

Query Match: 31.2%, Score 44.0, DE 3, Length 472.

Best Local Similarity: 50.0%, Pct. ID: 16,

Mismatches: 10, Conservative: 3, Mismatches: 7, Indels: 0, Gaps: 0:

Q0 6 LLOMDEGFEHLVDFLOSL 25

||||| | | | | | | | | |

DR 256 LLAADGFSDEIVDFLVAL 275

RESULT 7

US-09-386-591-29

GENERAL INFORMATION:

APPLICANT: KONGZ, CSABA

APPLICANT: MAIHUR, JAIDEEP

APPLICANT: SZEKERES, MIKLOS

APPLICANT: ALTMANN, THOMAS

TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING CYTOCHROME

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

STREET: Birch Stewart, Kollasch & Birch, LLP

CITY: Falls Church

STATE: Virginia

COUNTRY: USA

ZIP: 22040-0747

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30 (EP0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-09-386-591-29

FILING DATE: 27-MAR-1996

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: SVENSSON, LEONARD R.

REGISTRATION NUMBER: 30,330

REFERENCE/DOCKET NUMBER: G147-0153P

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 205-8000

TELEFAX: (703) 205-8050

TELEX: 248345

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 472 amino acids

? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
US-08-622-166A-4

Query Match 42.8% Score 44 DB 2 Length 422

Best Local Similarity 50.0% Prod No. 16

Matches 10 Conservative 3 Mismatches 7 Indels 0 Gaps 0

QY 6 LQMDRSPTEPHLVDFLOS 25

DB 256 LLAADGDSDEIVDFLVAL 275

RESULT 8

US-08-403-8520-17

? Sequence 17 Application 09/64 05/1

? Patent No. 5891595

? GENERAL INFORMATION:

? APPLICANT: Biane, Veronique

? APPLICANT: Blanche, Francis

? APPLICANT: Crouzet, Joel

? APPLICANT: Jacques, Nathalie

? APPLICANT: Leclercq, Patricia

? APPLICANT: Libault, Denis

? APPLICANT: Zadoroff, Monique

? APPLICANT: Debussche, Laurent

? APPLICANT: Le Gacy, Valerio

? TITLE OF INVENTION: Polypeptides involved in the

? TITLE OF INVENTION: Polypeptides of streptogramins, nucleoside sequences

? TITLE OF INVENTION: Coding for these polypeptides and their use

? NUMBER OF SEQUENCES: 43

? CORRESPONDENCE ADDRESS:

? ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner

? STREET: 1300 I Street, N.W., Suite 700

? CITY: Washington

? STATE: D.C.

? COUNTRY: USA

? ZIP: 20005-0015

? COMPUTER READABLE FORM:

? MEDIUM TYPE: Floppy disk

? SOFTWARE: IBM PC compatible

? OPERATING SYSTEM: PC-DOS/MS DOS

? CURRENT APPLICATION DATA:

? APPLICATION NUMBER: 08/09/403 8520

? FILING DATE: 10-MAY-1995

? PRIOR APPLICATION DATA:

? APPLICATION NUMBER: 08/09/403 8520

? FILING DATE: 25-SEP-1993

? PRIOR APPLICATION DATA:

? APPLICATION NUMBER: FR 92/11141

? FILING DATE: 25-SEP-1992

? ATTORNEY/AGENT INFORMATION:

? NAME: Meyers, Kenneth J.

? REGISTRATION NUMBER: 25,146

? REFERENCE/AGENT INFORMATION:

? TELECOMMUNICATION INFORMATION:

? TELEPHONE: (202) 408-4000

? TELEFAX: (202) 408-4100

? INFORMATION FOR SEQ ID NO: 17:

? SEQUENCE CHARACTERISTICS:

? LENGTH: 422 amino acids

? TYPE: amino acid

? STRANDEDNESS: single

? TOPOLOGY: linear

US-08-403-8520-17

Query Match

Best Local Similarity 47.5% Prod No. 21

Matches 7 Conservative 1 Mismatches 9 Indels 0 Gaps 0

QY 10 DFGPPPHL 17

DB 142 NFGPPPHL 149

RESULT 9

US-08-766-014-2

? Sequence 2 Application 08/08766 014

? Patent No. 5744,12

? GENERAL INFORMATION:

? APPLICANT: Mamone, Joseph A.

? APPLICANT: Davis, Maria

? APPLICANT: Sha, Dan

? TITLE OF INVENTION: THERMOSTABLE DNA POLYMERASE

? NUMBER OF SEQUENCES: 28

? CORRESPONDENCE ADDRESS:

? ADDRESSEE: Lyon & Lyon

? STREET: 933 West Fifth Street

? CITY: Los Angeles

? STATE: California

? COUNTRY: U.S.A.

? ZIP: 90011-2055

? COMPUTER READABLE FORM:

? MEDIUM TYPE: 3.5" Diskette, 1.44 MB

? MEDIUM TYPE: storage

? OPERATING SYSTEM: IBM PC, MS DOS

? SOFTWARE: Paste; Version 2.0

? CURRENT APPLICATION DATA:

? APPLICATION NUMBER: 08/08766,014

? FILING DATE: Herewith

? CLASSIFICATION: 435

? PRIOR APPLICATION DATA:

? PRIOR APPLICATION DATA: including application

? PRIOR APPLICATION DATA: described below:

? APPLICATION NUMBER: 60/008,488

? FILING DATE: December 15, 1995

? ATTORNEY/AGENT INFORMATION:

? NAME: Warburg, Richard J.

? REGISTRATION NUMBER: 32,427

? REFERENCE/AGENT INFORMATION:

? TELECOMMUNICATION INFORMATION:

? TELEPHONE: (213) 489-1600

? TELEFAX: (213) 955-0440

? TELEFAX: 67-4610

? INFORMATION FOR SEQ ID NO: 2:

? SEQUENCE CHARACTERISTICS:

? LENGTH: 27 amino acids

? TYPE: amino acid

? TOPOLOGY: linear

? MOLECULE TYPE: peptide

US-08-766-014-2

Query Match 29.9% Score 40 DB 10 Length 217

Best Local Similarity 27.4% Prod No. 07

Matches 9 Conservative 11 Mismatches 7 Indels 0 Gaps 0

QY 10 DFGPPPHLVDFLOS 26

DB 256 DFGPPPHLVDFLOS 375

RESULT 10

US-08-766-014-3

? Sequence 3 Application 08/08766 014

? Patent No. 5744,12

? GENERAL INFORMATION:

? APPLICANT: Mamone, Joseph A.

? APPLICANT: Davis, Maria

? APPLICANT: Sha, Dan

```

1 TITLE OF INVENTION: THERMOSTABLE DNA POLYMERASE
2 NUMBER OF SEQUENCES: 28
3 CORRESPONDENCE ADDRESS:
4 ADDRESSEE: L'OR&L'OR
5 STREET: 633 West Fifth Street
6 CITY: Suite 4700
7 CITY: Los Angeles
8 STATE: California
9 COUNTRY: U.S.A.
10 ZIP: 90071-2056
11 COMPUTER READABLE FORM
12 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
13 MEDIUM TYPE: storage
14 MEDIUM TYPE: storage
15 COMPUTER: IBM Compatible
16 OPERATING SYSTEM: IBM P.C. DOS 5.0
17 SOFTWARE: FastSeq Version 2.0
18 CURRENT APPLICATION DATA:
19 PRIOR APPLICATION DATA:
20 FILING DATE: Herewith
21 CLASSIFICATION: 435
22 PRIOR APPLICATION DATA: including application
23 PRIOR APPLICATION DATA: described below:
24 APPLICATION NUMBER: 09/008,638
25 FILING DATE: December 15, 1995
26 ATTORNEY/AGENT INFORMATION:
27 NAME: Warburg, Richard J.
28 REGISTRATION NUMBER: 32,327
29 REFERENCE/WORK NUMBER: 223/104
30 TELEPHONE: (213) 955-0440
31 TELEFAX: (213) 955-0440
32 INFORMATION FOR SEQ ID NO: 3:
33 SEQUENCE CHARACTERISTICS:
34 LENGTH: 508 amino acids
35 TYPE: amino acid
36 STRANDEDNESS: single
37 TOPOLOGY: linear
38 MOLECULE TYPE: peptide
39 US-08-766-014 3
40
41 Query Match 28.9% Score 40: DB 1: Length 508:
42 Best Local Similarity 52.9% Pred. No. 91:
43 Matches 9: Conservative 1: Mismatches 7: Indels 0: Gaps 0:
44
45 QY 10 DGGPEPHLVVFLOSL 26
46 DB 95 DFEETTHEIKDFLVLS 111
47
48 RESULT 11
49 US-08-766-014-4
50 Sequence 4: Application US/087556014
51 Patent No. 5744312
52 GENERAL INFORMATION:
53 APPLICANT: Mamone, Joseph A.
54 APPLICANT: Davis, Maria
55 APPLICANT: Sha, Dan
56 TITLE OF INVENTION: THERMOSTABLE DNA POLYMERASE
57 NUMBER OF SEQUENCES: 28
58 CORRESPONDENCE ADDRESS:
59 ADDRESSEE: L'OR&L'OR
60 STREET: 633 West Fifth Street
61 CITY: Suite 4700
62 CITY: Los Angeles
63 STATE: California
64 COUNTRY: U.S.A.
65 ZIP: 90071-2056
66 COMPUTER READABLE FORM:
67 MEDIUM TYPE: 3.5" Diskette, 1.44 MB

```

```

1 COMPUTER: IBM Compatible
2 OPERATING SYSTEM: IBM P.C. DOS 5.0
3 SOFTWARE: FastSeq Version 2.0
4 CURRENT APPLICATION DATA:
5 APPLICATION NUMBER: US/09,756,014
6 FILING DATE: Herewith
7 CLASSIFICATION: 435
8 PRIOR APPLICATION DATA: including application
9 PRIOR APPLICATION DATA: described below:
10 APPLICATION NUMBER: 09/008,638
11 FILING DATE: December 15, 1995
12 ATTORNEY/AGENT INFORMATION:
13 NAME: Warburg, Richard J.
14 REGISTRATION NUMBER: 32,327
15 REFERENCE/WORK NUMBER: 223/104
16 TELECOMMUNICATION INFORMATION:
17 TELEPHONE: (213) 955-0440
18 TELEFAX: (213) 955-0440
19 INFORMATION FOR SEQ ID NO: 4:
20 SEQUENCE CHARACTERISTICS:
21 LENGTH: 578 amino acids
22 TYPE: amino acid
23 STRANDEDNESS: single
24 TOPOLOGY: linear
25 MOLECULE TYPE: peptide
26 US-09-386-591-29-4
27
28 Query Match 29.9% Score 40: DB 1: Length 578:
29 Best Local Similarity 52.9% Pred. No. 91:
30 Matches 9: Conservative 1: Mismatches 7: Indels 0: Gaps 0:
31
32 QY 10 DGGPEPHLVVFLOSL 26
33 DB 95 DFEETTHEIKDFLVLS 81
34
35 RESULT 12
36 US-09-386-591-29-9
37 Sequence 9: Application US/09609230A
38 Patent No. 5866333
39 GENERAL INFORMATION:
40 APPLICANT: Inherarity, Thomas L.
41 APPLICANT: Qian, Xiaobing
42 APPLICANT: Yamataka, Shinya
43 TITLE OF INVENTION: Screening Methods to Detect RNA Targets
44 NUMBER OF SEQUENCES: 12
45 CORRESPONDENCE ADDRESS:
46 ADDRESSEE: Townsend and Townsend and Crew LLP
47 STREET: Two Embarcadero Center, 8th Floor
48 CITY: San Francisco
49 STATE: California
50 COUNTRY: USA
51 ZIP: 94111-3834
52 COMPUTER READABLE FORM:
53 MEDIUM TYPE: floppy disk
54 COMPUTER: IBM PC compatible
55 OPERATING SYSTEM: PC-DOS/MS-DOS
56 SOFTWARE: PatentIn Release #1.0, Version #1.25
57 CURRENT APPLICATION DATA:
58 APPLICATION NUMBER: US/99/000,420A
59 FILING DATE: 01-MAR-1996
60 CLASSIFICATION: 435
61 ATTORNEY/AGENT INFORMATION:
62 NAME: Fitts, Renee A.
63 REGISTRATION NUMBER: 35,136
64 REFERENCE/WORK NUMBER: 92/073-06810005
65 TELECOMMUNICATION INFORMATION:
66 TELEPHONE: 650-326-2400
67 TELEFAX: 650-326-2422

```


APPLICANT: LI, Joachim J
 APPLICANT: GAVIN, Kimberly
 TITLE OF INVENTION: ORIGIN OF REPLICATION COMPLEX GENES
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FLEHR, HUBACH, TEST, ALBRITTON & HERBERT
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 09/02,484,105
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Osman Ph.D., Richard Alon
 REGISTRATION NUMBER: 36,627
 REFERENCE TO PARENT APPLICATION: P.SAO
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 494-8700
 TELEFAX: (415) 494-8771
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 363 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 OS-08-484-105-20

Query Match 24.1% Score 39: DB 1: Length 363:
 Best Local Similarity 47.6% Pred. No. 76:
 Matches 10: Conservative 2: Mismatches 9: Indels 0: Caps 0:

Q: 1 RCGFLLLOMGFPPEHLVDF 21
 () () () () () ()
 Db 80 RCGFLLIMYGEGSKKALVEDF 100

Search completed: January 22, 2000, 03:39:48
 Job time: 52 sec

